

19990828.qrp v01_n562.qrl.990828

Date: Sat, 28 Aug 1999 19:03:09 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1562

QRP-L Digest 1562

Topics covered in this issue include:

- 1) [48658] Re: What Kit Should I Build? #3 in a series
by Dave Sjolin <sjolin@swbell.net>
- 2) [48659] Re: 30M Propagation Tests
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>
- 3) [48660] St. Louis Vert. question
by k1vp@lawson-philpot.com
- 4) [48661] Re: Power Supply?
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>
- 5) [48662] Fw: OHR-100 (40M) Reduced
by "Tim Cook" <timcook@erinet.com>
- 6) [48663] Fw: Ten Tec Model 645 "Ultramatic Keyer" Reduced..
by "Tim Cook" <timcook@erinet.com>
- 7) [48664] Re: Spring QRPP in West Texas
by "William R. Colbert" <af852@rgfn.epcc.edu>
- 8) [48665] Re: QRP CQs
by DONALD I ROHER <donroher@juno.com>
- 9) [48666] Re: calling CQ as QRP
by DONALD I ROHER <donroher@juno.com>
- 10) [48667] Re: calling CQ on QRP
by DONALD I ROHER <donroher@juno.com>
- 11) [48668] Re: calling CQ as QRP
by DONALD I ROHER <donroher@juno.com>
- 12) [48669] Solar stuff for the weekend
by "Paul Harden, NA5N" <na5n@rt66.com>
- 13) [48670] Re: calling CQ on QRP
by Stanley Wilson <microres@crl.com>
- 14) [48671] Re: calling CQ on QRP
by Pete Burbank <plburbank@kih.net>
- 15) [48672] QRZ Wrangell Island 03 to 19 Sept 99 note there will be no
replies after 29 Sept.
by DONALD I ROHER <donroher@juno.com>
- 16) [48673] Wrangell Pile up...
by DONALD I ROHER <donroher@juno.com>
- 17) [48674] Miles per watt with RH NC-20
by "Jack Oakland, CA" <w6abc@yahoo.com>
- 18) [48675] 2N2/40, Elmer & Data Books
by "Paul Harden, NA5N" <na5n@rt66.com>

- 19) [48676] 5B4/W2KJ finally on the air!!
by "joseph trombino" <joetrom@excite.com>
- 20) [48677] News from VK4HDB!
by Daniel Bartlett <ausham@rocknet.net.au>
- 21) [48678] WTB Ginpole
by pierce@rice.edu (George F. Pierce)
- 22) [48679] Calling cq on qrp
by waltk8cv@juno.com
- 23) [48680] Re: 2N2/40, Elmer & Data Books
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>
- 24) [48681] dvorak keyboard
by ac5ez@webtv.net (Larry B)
- 25) [48682] FS: Outbacker Perth Plus Mobile Ant.
by "Dick Schneider" <dschneider2@uswest.net>
- 26) [48683] FS: JPS ANC4 Antenna Noise Canceller
by "Dick Schneider" <dschneider2@uswest.net>
- 27) [48684] FS: Palomar Rx Noise Bridge
by "Dick Schneider" <dschneider2@uswest.net>
- 28) [48685] FS: Cushcraft R-7 Vert. Ant.
by "Dick Schneider" <dschneider2@uswest.net>
- 29) [48686] COUNTY HUNTING
by "DONALD G. DORN" <DDORN@CWIS.NET>
- 30) [48687] Re: COUNTY HUNTING
by "Paul R. Valko" <prvalko@oakland.edu>
- 31) [48688] Re: 2N2/40, Elmer & Data Books
by Phil Wheeler <w7ox@mindspring.com>
- 32) [48689] Re: [WTB Ginpole]
by Roy Lincoln <wa4dou@usa.net>
- 33) [48690] Re: K2 demonstration
by Wayne A Smith <k8ff@juno.com>
- 34) [48691] Re: Fw: Ten Tec Model 645 "Ultramatic Keyer" Reduced..
by K2UD@aol.com
- 35) [48692] first subwatt attempt
by bob evinger <revinger@earthlink.net>
- 36) [48693] Another thought on calling CQ /QRP
by Jess Gypin <jessqrp@earthlink.net>
- 37) [48694] Re: COUNTY HUNTING
by Larry Cahoon <wd3p@juno.com>
- 38) [48695] K2 Success, and calling CQ !!!
by Tim <drboom@bright.net>
- 39) [48696] Re: K2 demonstration
by Phil Wheeler <w7ox@mindspring.com>
- 40) [48697] Re: K2 Success, and calling CQ !!!
by Phil Wheeler <w7ox@mindspring.com>
- 41) [48698] VA Beach Hamfest
by Richard Arland <k7sz@epix.net>
- 42) [48699] FS: Ten Tec Argonaut 515
by "Roy" <ab7ce@email.msn.com>

- 43) [48700] Vacation and the UGTT-2
by "KA5T Larry Wise" <lewise@inetport.com>
- 44) [48701] Vacation and the UGTT-2....
by "KA5T Larry Wise" <lewise@inetport.com>
- 45) [48702] Re: TAIL [sic] FRIENDLY RADIO
by "Al Gritzmacher " <ae2t@arrl.net>
- 46) [48703] JL1UJG QSL INFO NEEDED...
by "Andy GM0NWI" <gm0nwi@tesco.net>
- 47) [48704] Re: Another thought on calling CQ /QRP
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 48) [48705] Re: Power Supply?
by "Steven Weber" <kd1jv@moose.ncia.net>
- 49) [48706] Re: [Re: [VA Beach Hamfest]]
by Roy Lincoln <wa4dou@usa.net>
- 50) [48707] SV: 5B4/W2KJ finally on the air!!
by "Hans Sundstrom" <hans.sundstrom@telia.com>
- 51) [48708] batteries
by william h ross <k6mgo@juno.com>
- 52) [48709] RE: LOW COST RADIO NO TOROIDS NO CRYSTALS UPDATE
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 53) [48710] Re: JL1UJG QSL INFO NEEDED...
by Phil Wheeler <w7ox@mindspring.com>
- 54) [48711] X class flare at 18:05 utc
by Dave Sjolin <sjolin@swbell.net>
- 55) [48712] K2 #471 arrives in Colorado
by Jess Gypin <jessqrp@earthlink.net>
- 56) [48713] PROBLEM
by bkobie@webtv.net (patrick obrien)
- 57) [48714] WTB
by Marv Fagenson <k6hcj@juno.com>
- 58) [48715] Diode switched TR circuits
by charles k brown <n4so@juno.com>
- 59) [48716] Re: [Elecraft] Need Power Supply
by Gary L Surrency <gsurrency@juno.com>
- 60) [48717] Re: X class flare at 18:05 utc
by Gary L Surrency <gsurrency@juno.com>
- 61) [48718] RE: LOW COST RADIO NO TOROIDS NO CRYSTALS UPDATE
by "Dan W. Dooley" <dandooley@pipeline.com>
- 62) [48719] Antenna Question
by Kb4utv@aol.com
- 63) [48720] x-class flare
by ac5ez@webtv.net (Larry B)
- 64) [48721] Try...you never know
by k1vp@lawson-philpot.com
- 65) [48722] QRPp X2 arrival & 10m/11m thoughts
by Nils R Young <nilsbull@juno.com>
- 66) [48723] Re: X class flare at 18:05 utc
by Phil Wheeler <w7ox@mindspring.com>

Date: Fri, 27 Aug 1999 18:24:23 -0500
From: Dave Sjolin <sjolin@swbell.net>
To: "Hendricks, Doug" <ki6ds@dpol.k12.ca.us>, Qrp-l Reflector <qrp-l@Lehigh.EDU>
Subject: [48658] Re: What Kit Should I Build? #3 in a series
Message-ID: <37C71E27.97B4E377@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hendricks, Doug wrote:

> you upgrade, all that you have to do is unsolder the toroid and
> take off a turn (or is it add?? I can never remember) to put it on the
> general portion of the band, but it is adjustable as to where it is on
> the band, where the SST is not. Then later on your interest turns to working
> DX down on the bottom of the band, you can move the VFO coverage down there
> just as easily. But you can't do that with the SST!!

Doug, its add one turn to move it from Novice band to General portion.

However, to change the frequency, I believe all you probably will have to do is change the value of C7 which is installed during the alignment process (Dave supplies seven values). Also squeezing the turns on L1 closer together will lower the operating frequency as much as 15-20 khz.

So all of you who hate messing with toriods (me at top of list) you probably won't have to add another turn to L1. That should make a lot of people happy.

73 de Dave, N0IT

Date: Fri, 27 Aug 1999 17:03:47 MST
From: "Chuck Adams, K7QO" <k7qo@hotmail.com>
To: K2UD@aol.com
Cc: qrp-l@lehigh.edu
Subject: [48659] Re: 30M Propagation Tests
Message-ID: <19990828000347.2143.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

There was a thing called TMPS - Thirty Meter Propagation Study

about 3 years ago...

It was run during the summer months when the foxhunt was QRT. It helped me get WAS (around 40 someodd states in 3 months at 0.95W) and learn a great deal about a band that I had no experience on at all, having been on 40M most of my life.

I don't think you have to get anything formal organized as there is a lot of activity on the bands and lots of QRPers. But, people have to quit going to bed early or watching football on TV. Both 30 and 17 meters are staying open late and I do mean late. I have worked people close to or after local midnight on both bands. With the solar flux over 200 the bands will stay open late.

It is hard to get people to understand that when the flux gets to large numbers it is possible for some of the higher bands to be active for 24 hr periods, so get on and call CQ. I always call CQ on all the bands and have a better than 50% rate of return.

Secrets to getting returns:

1. Have a clean signal with good keying characteristics.
2. Have a good fist and use proper timing. There are a lot of people turned off by bad fists. Spacing is everything.
3. Call by using the 3 x 3, i.e.

CQ CQ CQ DE K7QO K7QO K7QO/5 K

and I do throw in a /QRP aperiodically to let people know that I am using low power and that low power can be heard.

4. Have a good antenna.
5. Have a good antenna.
6. Have a good antenna.

For those that haven't been getting returns on call CQ, check points 4, 5, and 6. :-) Also know something about the band that you are on and the time of day. It doesn't do any good MOST of the time to call CQ on 10 meters at 2 a.m., but you never know. :-)

I highly recommend the WARC bands now during the current upswing in the solar flux. MFJ is coming out with a 17 meter version of

the new QRP rig also. I hope that the other QRP rig manufacturers get busy on versions for 17 and 12 meters. We have only about 2 or 3 years here before the solar flux goes back down to where these bands won't be open as much as they are now.

FYI es enjoy

Look for me on 30 meters tonight around 10.115 or so with the DSW-30. The band should be useable.

Chuck Adams K7QO CP-60 k7qo@hotmail.com <http://www.qsl.net/k7qo>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sat, 28 Aug 1999 01:16:52 GMT
From: k1vp@lawson-philpot.com
To: qrp-1@lehigh.edu
Subject: [48660] St. Louis Vert. question
Message-ID: <19990828.1165200@work1.grizzly.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

I have one of Vern Wright's St. louis vertical kits and have used it=20 with success so far. However, i have not cut the wires in the ribbon=20 radials for any freq. So they are all about 16 ft. long. I keep=20 thinking the antenna performance would be much better with the radials=20 cut. Some have said not so. Anyone with experience with the antenna=20 have an opinion on cutting the ribbon for various bands?

TIA

Ed Lawson
K1VP=20

Date: Fri, 27 Aug 1999 17:20:43 MST

From: "Chuck Adams, K7Q0" <k7qo@hotmail.com>
To: jeff@n9avg.org
Cc: qrp-1@lehigh.edu
Subject: [48661] Re: Power Supply?
Message-ID: <19990828002043.96438.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Jeff et.al.,

I recommend a 2.1 to 4.0 AHr gel-cell for the DSW-series.
It's all that I use. Shop around for the cells locally
or on the Internet. We have seen thousands of postings about
hospitals, security alarm systems, etc. where you can pick up
some. Tanner electronics has a brand new 4AHr cell for \$16 or
so.

Now here is a club project just waiting from someone to
grab onto. There are several cheap ways to charge the cells.

Find a DC supply capable of 15V at several hundred mA.
Find a variable resistor and a small meter to monitor and set
the charging current. Set up guidelines for measuring the state
of the cell, etc. Write the manual. You can monitor the charging
voltage across the cell easily. I usually trickle charge at less
than 0.1 x the AHr rate and leave it. Have never lost a battery
this way. Takes more than 12 hrs to charge, but hey, that's
about how long before I get back to the rig anyway.

Ask Bill Hickox, K5BDZ, about the charger he had at Tejas RF and
how simple it was to build and how many got built.

Heck, if someone and some club wants to do this let me know.
See the article 73 Magazine, August 1980, Page 115ff
by Don Johnson, WB6MXD. The article was titled "A Different
Kind of Charger - take a Gel/Cell to lunch".

Parts count:

4 2N2222s (got any of those?)
4 1A diodes (1N400X series)
1 7805 (TO-220 form factor)
1 each red, yellow, green LEDs
some resistors (NorCal kit probably)
and some caps.
20VAC 1A xfmr non-CT

And there is a very simple way to charge these things which I used until I got a more elaborate charger. The old vari-charger from ACE (the R/C folks of long ago).

OK, let's see someone get off centerline on this one and just do it.....

FYI

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Date: Fri, 27 Aug 1999 20:27:57 -0400
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [48662] Fw: OHR-100 (40M) Reduced
Message-ID: <00f201bef0ec\$2dece300\$8c685acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

No takers, so will try again.... \$80 shipped in the lower 48
-----Original Message-----

From: Tim Cook <timcook@erinet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Thursday, August 26, 1999 5:52 PM
Subject: FS: OHR-100 (40M)

>Getting an Argonaut, so.....

>

>For Sale OHR-100

>Excellent condition - 0 to 6 watts out rear panel adjustable - super QSK -

>quiet receiver- variable bandwidth - all documentation - excellent

>construction - OHR-100, not OHR-100A (only difference is the RF gain

>control as far as I know. Looks and works great, couple of very small

>scratches on top of case. Frequency range 7.000 to 7.075 (can be set up
for

>novice if required)

>

>\$95 shipped priority mail in US

>

>Please email direct if interested

>

>Tim
>NZ8J
>

Date: Fri, 27 Aug 1999 20:30:04 -0400
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "[Ten Tec] -
Reflector" <tentec@contesting.com>
Subject: [48663] Fw: Ten Tec Model 645 "Ultramatic Keyer" Reduced..
Message-ID: <00f901bef0ec\$799e05e0\$8c685acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Lets try \$60 shipped in the lower 48

-----Original Message-----
From: Tim Cook <timcook@erinet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Tuesday, August 24, 1999 9:32 PM
Subject: FS: Ten Tec Model 645 "Ultramatic Keyer"

>Ten Tec Model 645 "Ultramatic Keyer" Super condition, no marks or
>scratches, works great....\$75 + shipping
>Please email direct if interested
>Thanks
>Tim
>NZ8J
>
>
>
>
>

Date: Thu, 26 Aug 1999 08:32:05 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: ki6ds@dpol.k12.ca.us, QRP-L@LEHIGH.EDU
Subject: [48664] Re: Spring QRPP in West Texas
Message-ID: <37C54FE5.A5413896@rgfn.epcc.edu>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doug, I did just that- that it was a pleasure to see him having fun with qrp and writing about it, and told him that I (we) hope to hear him on/about the qrp freqs and perhaps see more from him in the QRPP.

73

Ray

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Fri, 27 Aug 1999 18:50:31 -0700
From: DONALD I ROHER <donroher@juno.com>
To: kd1jv@moose.ncia.net
Cc: qrp-l@Lehigh.EDU
Subject: [48665] Re: QRP CQs
Message-ID: <19990827.185925.6502.1.DONROHER@juno.com>

Again.... I thank you for your reply, I wouldn't have anyone to talk with in Alaska if I didn't call CQ.....

NL7QT

On Thu, 26 Aug 1999 18:32:23 +0000 "Steven Weber" <kd1jv@moose.ncia.net> writes:

>>

>> >Calling CQ (outside of 'tests) is a poor strategy even in QRO
>>>operations if what you want is to make a QS0.

>

>Heck, if no one called CQ, how'd we know anyone was out there?
>Somebody's got to call CQ some time to get the ball rolling and why
>should we wait for some QRO station to start it?

>

>If I hear a wicked loud station calling CQ, chances are I woun't
>answer. If I hear a weak station calling CQ, I will answer, especialy
>if they sign /QRP. Chances are good a weak station calling CQ
>between 7.04 and 7.045 will be QRP. If thier not, chances are good
>they woun't hear me answer.

>
>I call CQ/QRP all the time. Sometimes I get a response right away or
>after a few calls, sometimes I don't. I'd say more often than not I
>get a response. Sometimes from a QRO station, sometimes from a fellow
>QRPer. If I don't get a response, well, at least I tried.
>
>With the number of QRP stations that hang out on 40M (and 20) these
>days, calling CQ/QRP will sure help find them. If you call CQ and
>never get an answer, my guess is you need A, a better antenna, B, a
>better receiver or C, you have a serious Tx/Rx offset misalignment
>problem.
>
>72,
>Steve, KD1JV in the white Mountains of New Hampshire
>"melt solder"

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Date: Fri, 27 Aug 1999 18:59:20 -0700
From: DONALD I ROHER <donroher@juno.com>
To: k1vp@lawson-philpot.com
Cc: qrp-1@Lehigh.EDU
Subject: [48666] Re: calling CQ as QRP
Message-ID: <19990827.185925.6502.3.DONROHER@juno.com>

Good for you, as you may have read, I am real grumpy with those who suggest that we may be some sort of weak signal sorts that don't deserve to call CQ..... or worse that 40 meters is a poor QRP band.

On Fri, 27 Aug 1999 02:43:09 GMT k1vp@lawson-philpot.com writes:

>I have never given this much of a thought.
>I just call CQ and ignore the QRP part.
>If I hear a station calling CQ, i call him.
>I just operate with my 1.5 watts as if I
>was just another QRO guy with a modest station.
>
>I more often hang out in the "DX" portion of
>the bands and go for anything I hear unless
>it is a big cluster pileup.
>
>Seems to work out fine. Much of the time I don't
>even mention I'm QRP. When you give a guy a 569 and he gives

>you a 559, its rather embarrassing to tell him you're
>running 2 watts after he describes a big beam and 300W. <G>
>
>Ed Lawson
>K1VP
>
>
>

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Date: Fri, 27 Aug 1999 18:46:13 -0700
From: DONALD I ROHER <donroher@juno.com>
To: ku7y@dri.edu
Cc: qrp-1@Lehigh.EDU
Subject: [48667] Re: calling CQ on QRP
Message-ID: <19990827.185925.6502.0.DONROHER@juno.com>

I am glad you two posted this, we have a lot of new QRP'ers and we need to stop the insanity..... To suggest that no one call CQ is idiosy.

I have runs of contacts as I call CQ with only 1-5 watts. Power is not important, what is important is antenna condition, direction and quality of CW work.....

This is only smoke from a misleading Flame.... Call CQ on a calling freq. and if no answer then look for a CQ to reply to.....

End of comment from a person who has made over 400 low power contacts on a contest day by calling CQ.....

On Thu, 26 Aug 1999 14:54:25 -0700 (PDT) Monte Stark <ku7y@dri.edu> writes:

>On Thu, 26 Aug 1999, Kent, AE4Y wrote:

>
>> I seem to be very successful calling CQ with 5 watts. I always keep
>the
>> transmission short (3 x 3) and sign /qrp on the end of my last
>callsign. I
>> haven't kept statistics, but I get a lot of responses.
>
>

>I do about the same thing.... most often use a 3 x 2 call with QRP
>after
>the last callsign also. I also have good luck.
>
>Maybe it's the "Y" suffex.... or maybe it's the /QRP which lets the
>other guy know why I am not 40 dB over 9! :-)
>
>I very seldom call a weak station who isn't QRP.....and if they are
>not signing QRP now and then I'll never know..... :-)
>
>(But not in a pile up!) :-)
>
>cul,
>
>73, Ron, SOWP 5545M,
>
>.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
>....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....
>

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Date: Fri, 27 Aug 1999 19:15:40 -0700
From: DONALD I ROHER <donroher@juno.com>
To: n2tpa@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [48668] Re: calling CQ as QRP
Message-ID: <19990827.191738.9718.0.DONROHER@juno.com>

We are out numbering those who suggest against calling CQ while QRP.....

On Fri, 27 Aug 1999 09:37:29 -0400 Bill B Lazure <n2tpa@juno.com> writes:

>Best DX I've worked, and my only recent 1K mi/Watt (1300/W to be
>exact) was one where I called CQ.

>
>Bill
>W2EB
>

>Get the Internet just the way you want it. Free software, free e-mail,
>and free Internet access for a month! Try Juno Web:
><http://dl.www.juno.com/dynoget/tagj>.

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Fri, 27 Aug 1999 20:26:41 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-1@lehigh.edu
Cc: CQCList@cqc.org
Subject: [48669] Solar stuff for the weekend
Message-ID: <Pine.SUN.4.10.9908271946410.14588-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The sun was quite active today with an M5 and an M3 flare. It is not certain yet whether this will cause problems to our magnetic field, but with an average travel time from the sun to Earth of 55 hours for the particle radiation, it will be late sunday if anything arrives ... after BUBBA anyway. These two flares pumped a lot of x-rays into our upper atmosphere (also known as the "ionosphere"), which gives our E and F layers an extra dose of ionization. Strong x-rays also are able to penetrate down to the E layer and keep it ionized, that is reflective, for longer periods of time.

Why is this important? Well, our upper F layers disappear when the sun goes down ... they require constant solar radiation to keep them ionized and thus reflective. At night they simply vanish, leaving the E layer to bounce our signals back to earth. The typical way signals at night skip to those exotic DX locations, like Zanzibar and South Dakota. So tonight, with the E layer being a bit extra ionized, means it will be a bit extra reflective to HF signals, and will remain so for many hours after dark, if not all night long on 20-30M. So a Chuck K7QO pointed out a bit earlier, 30M is a good band now that can support good 24 hour propagation, and 30M DX should be above average tonight.

I'm not going to compete with L.B. Cebik ... but I do remember attending a good talk of his about the virtues of horizontal dipoles with high radiation patterns, and verticals with a lower radiation pattern. And 30M is a good place to experiment with this if you have both. With a dipole, your signals are heading upward at a high angle, which means they will bounce off the E layer and return to earth, making a smaller angle of reflection, and your signals will land 1000-2000 miles away. With a verticle, the radiation squirts out (NOT a Mr. Cebik term!) at a lower angle, meaning it reflects back to earth with a much wider angle and

landing on the earth much farther away than the 1000 mile skip of a typical dipole. If you have both antennas on say 20 or 30M, give them the ole A-B test next few days and see if you notice where your skip zones are with each antenna.

Comments on today's solar report follows for those interested:

> JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
> SDF NUMBER 239 ISSUED AT 2200Z ON 27 AUG 1999

> IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 26/2100Z
> TO 27/2100Z: SOLAR ACTIVITY WAS HIGH. REGION 8674 (S24W16) PRODUCED
> AN M5/2N FLARE AT 1307Z. THIS REGION ALSO HAD AN M3/2N AT 1635Z, AND
> WAS THE LIKELY SITE OF THE M3 EVENT EARLIER AT 0137Z. THE CENTER OF
> THE DISK IS DOMINATED BY THE MERGING OF REGIONS 8674 AND 8673
> (S19W24), AND THE TWO ARE NOW NEARLY INDISTINGUISHABLE.

Solar flares towards the center of the sun will eject solar mass towards the earth. The ideal trajectory for a "direct hit" comes from this region. If a flare throws it's stuff at the earth (to cause an impact with our magnetic field) it is called "geoeffective." So these areas in the center of the sun are now "geoeffective" and large disturbance will threaten the earth over the next week or so.

> ALTHOUGH THE
> X-RAY OUTPUT OF TODAY'S EVENTS WAS SUBSTANTIAL, THE RADIO EMISSION
> WAS SMALL, AND NO SWEEP FREQUENCY EVENTS WERE DETECTED.

This is interesting. X-rays are generated on the sun by energetic events, such as a large flare. Flares often produce a shock wave from the event that travels outward from the sun, and as it goes through the sun's magnetic field lines, it generates these RADIO SWEEPS, or radio emissions that sweep from high to low frequencies quite quickly (MHz per second). So lots of x-rays but no sweeping radio emissions means there was no shock wave with this event. That is good news for us, because no shock wave means there are no nasty particles headed for the earth to trigger a geomagnetic storm, which an M5 flare sitting smack in the middle of the sun would certainly have done under normal circumstances.

So this large flare will likely not cause us any trouble for BUBBA or over the weekend.

Do you see how these things are determined from a couple of simple observations? And it's exactly the same reasoning that made NOAA today make no forecast of a geomagnetic storm inspite of an M5 flare in the center of the sun.

> IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE

> MODERATE TO HIGH. REGIONS 8673 AND 8674 ARE LARGE, MAGNETICALLY
> COMPLEX, AND DYNAMIC. WATCH FOR ADDITIONAL M-CLASS, AND ISOLATED
> X-CLASS, ACTIVITY DURING THE NEXT THREE DAYS.

Large flares comes from areas that are highly magnetized with field lines running all over the place ... or "magnetically complex." These are the areas to watch for further large flare activity. An X-class flare is the largest category, and from the center of the sun would create a bunch of excitement from tremendous aurora's to power grid failures. And I bet CNN will blame it on Y2K!

> IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 26/2100Z TO 27/2100Z:
> THE GEOMAGNETIC FIELD WAS QUIET TO MILDLY ACTIVE. SOLAR WIND SPEEDS
> IN EXCESS OF 600 KM/S ARE STILL OCCURRING, LIKELY ORIGINATING FROM A
> WELL- POSITIONED CORONAL HOLE WEST OF CENTRAL MERIDIAN.

Solar wind at 600 km/sec. is enough to exert force on our magnetic field to keep it a bit agitated, and enough to generate large currents to make noise in the HF spectrum. But not of storm quality, just "unsettled to active" conditions. Loosely defined, that means noise about S3-S5.

> IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
> EXPECTED TO BE UNSETTLED THE NEXT THREE DAYS. THERE IS A GOOD CHANCE
> FOR ISOLATED ACTIVE CONDITIONS DURING LOCAL NIGHTTIME HOURS.

> A GREATER THAN 10 MEV PROTON EVENT IS ALSO POSSIBLE DURING THE PERIOD,
> PENDING FURTHER ACTIVITY FROM REGIONS 8673 AND 8674.

Oooh, kinda bad news for our friends in Alaska. Energetic protons can get trapped by our magnetic field and accumulate near the poles and can cause very noisy conditions, high absorption, or a Polar Cap Absorption event (PCA) ... though the PCA forecast is still set at GREEN (see below). Tomorrow we'll know more about this possibility.

> III. EVENT PROBABILITIES 28 AUG-30 AUG
> CLASS M 80/80/80 <---- WOA! An 80% chance of more M class flares
> CLASS X 40/40/40 <---- and a 40% chance for a biggie one.
> PROTON 40/40/40
> PCAF GREEN

> IV. PENTICTON 10.7 CM FLUX
> OBSERVED 27 AUG 223 <--- Very high solar flux. 10-15M open
> PREDICTED 28 AUG-30 AUG 225/220/220
> 90 DAY MEAN 27 AUG 167 <--- and way above average

> V. GEOMAGNETIC A INDICES
> OBSERVED AFR/AP 26 AUG 010/013
> ESTIMATED AFR/AP 27 AUG 010/012

> PREDICTED AFR/AP 28 AUG-30 AUG 010/010-010/010-010/010

A-indexes around 10 are unsettled conditions, or a little HF noise of the nuisance level.

Conditions for getting on the air, including for BUBBA, remain very good, between a fairly quiet magnetic field and a very high solar flux. Shoot ... I bet the CBers are even skipping out on us tonight :-)

72, Paul NA5N

Date: Fri, 27 Aug 1999 19:15:13 -0700 (PDT)
From: Stanley Wilson <microres@crl.com>
To: DONALD I ROHER <donroher@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [48670] Re: calling CQ on QRP
Message-ID: <Pine.SUN.3.91.990827191134.18676C-100000@crl4.crl.com>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Don you are correct. If one wants to make contacts get a good antenna, a good receiver and learn how to operate. Power only makes a difference if you have to be first one worked in a pile up. After that it is your ability to hear and understand the rules of the game. Like only call once. Call when the other station is listening. Move to the frequency the station you want to work is listening. etc..

A good clean signal with a good operator makes contacts and can work the world at any power level.

73 de stan ak0b

Date: Fri, 27 Aug 1999 23:14:43 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [48671] Re: calling CQ on QRP
Message-ID: <3.0.32.19990827231439.006eef54@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:15 PM 8/27/99 -0700, you wrote:

>Don you are correct. If one wants to make contacts get a good antenna, a
>good receiver and learn how to operate. Power only makes a difference if
>you have to be first one worked in a pile up. After that it is your
>ability to hear and understand the rules of the game. Like only call
>once. Call when the other station is listening. Move to the frequency
>the station you want to work is listening. etc..
>
>A good clean signal with a good operator makes contacts and can work the
>world at any power level.
>
>73 de stan ak0b

Stan and Don...I agree 100%

I have often dropped the QRP tag and get 579s from Europe etc.

I suspect that with a solid path communication is in a large part
limited by the Rx and QRN on the receive end...not to mention the
digi-crap.

Onward Into The Fog!!

72/3/88

Pete NV4V vvvvvvvvvv

Date: Fri, 27 Aug 1999 22:04:57 -0700

From: DONALD I ROHER <donroher@juno.com>

To: qrp-1@Lehigh.EDU, VOLE@PRIMENET.COM, ANDERSBOCKER@WORLDNET.ATT.NET,
bonroher2@juno.com, DON.ROHER@FAA.GOV, kellywrg@juno.com

Subject: [48672] QRZ Wrangell Island 03 to 19 Sept 99 note there will be no
replies after 29 Sept.

Message-ID: <19990827.220504.3302.0.DONROHER@juno.com>

Date 03 Sept to 19 Sept 99, I will arrive Friday afternoon and will
operate until the
evening before departing 19 Sept..

We all have our own opinions and favorite bands, so I smiled and was very
glad that those who used 40 meters to contact me on the last trip had not
read the post advising that 80 meters was the most used in Alaska.

I will still continue to spend most of my time on " the most popular QRP
band world

wide, (supported by the number of kit sales) 40 meters". I will at
0905p.m. Alaska time (0505Z) call CQ on 7.140. As this is becoming a
popular frequency, if it is busy I will try 7.145 until 7.140 is clear. I
keep a receiver, FRG-100, on 7.140 at all hours.

The reason for the odd starting time is I listen for radiograms. A
radiogram can be sent free of charge by phoning KSTK Radio at

800-874-5785, ask that your radiogram be sent to Don Roher or NL7QT at Eastern Passage, list the Freq. time and date Zulu that you would like to try for a contact. Stick to Novice freq., in the 10, 15 and 40 meter bands. Radio grams are sent 4 times per day, for three days with the last at the 9:05 p.m.

OPINION, you may want to skip this paragraph... After arriving to 114 degree temps in the desert to operate in the BUBBA I am grumpy with some of the comments on the L.

An other smile this week has been the comments about calling CQ when being QRP, I am one of those lucky people who do not have any problem raising replies. The old weak me signal- tail ending syndrome is finally being buried, as well it should be. With the number of QRP'ers growing daily, and the desire for QRP to QRP contacts, more people are looking for weak signals. In a large number of countries the amateur population can only afford home built QRP CW gear. In this day and age, the transmitting and receiving equipment does not matter, almost all kits can receive as well and sometimes better than any commercial gear. Pick a kit or ready build that you like the feel of, and meets your needs.

What makes the contact is: 1. A good antenna system pointed where you need your signal/reply, and 2. Good CW the other stations can copy, and I don't mean at 30 WPM. A clean 10 to 15 WPM from a keyer will pay great dividends in the log book. Now that I have fanned this flame or at least dumped fuel on it.

Equipment at Wrangell:

2 ea. SG-2020s, a LogiKey keyer , two wire dipoles-coax fed cut for 40/15 and 10 meters, up 80 feet above the salt water Alaska Inland Passage. Powered from wet cell batteries, charged from a battery charger when we have the 110 volt generator running. Lighting is A.C. when the generator is on or Kerosene lamps.

The cabin is located in Eastern Passage, south of the Alaska/British Columbia mainland, east of the mouth of the Stitkein River, the last free flowing wilderness river in North America. We have to walk, boat or use Float Plane to get our gear and supplies in. We welcome anyone who would like to work from this site for any contest.

Path fade and flutter make high speed CW almost impossible as the dots drop out of the characters and letters, be prepared to send your call several times. The path combinations at high latitudes also generates a gremlin that sounds like CW, which adds to problem. This is addressed in an ARRL post this week.

The goal here is to get you a QSL card confirmed, QRP Alaska contact.
The exchange
will not be a rag chew but rather the rapid fire typical DX exchange.

The exchange I like to use is: "CQ CQ CQ de NL7QT" sent twice sometimes adding
"QTH Wrangell Island". When I hear a reply I send the call sign back as
in, "XX2XXX
XX2XXX", if I had a hard copy and question if I am correct I add "??", I
don't like to
move forward unless I have the correct call sign written down and
sometimes ask for a confirmation to insure you are listed in the log
correctly. If I know I have your call sign
correct I send XX2XXX 559 TU, all I need from you "if I do have your call
sign correct"
is "DE XX2XXX 559 73, this lets the next person have a chance before
conditions or
path change. If you are QRP stick it in to your reply and if things are
slow I will take the
time to comment on your signal. Between calls I send "PLS QSL VIA BUR0"

I only enter your call sign time and RST in the log. I can look up your
name, QTH and
other information in QRZ later, you can tell me about your equipment and
personal life
on the card or in an E-mail. You can E-mail me at donroher@aol.com, some
times the donroher@juno.com loads up before I get back to Arizona to
empty it, wait until October to E-mail to these two addresses. I try to
post the "Oh my god, you are my first Alaska QRP" messages to the QRP-L
to encourage others to turn down the power and join us.

"QSL VIA BUR0", the Alaska QSL bureau forwards my cards to Arizona. The
post
office in Wrangell is staffed by idiots who love returning cards if the
box number is not
correct. The box number is 1705, not the one listed in older call books.

I prefer you send me only your QSL card stamped as a postcard. Envelopes,
stamps and dollar bills only slow me down. I feel QSLing is a debt owed
to other amateurs, it is an internal part of the hobby and service. I
will reply direct with a stamped card. I even will send a DX card direct
if the card has "I need Alaska". I don't snivel about the 45 to 75 cents
for a DX card. If you don't have a QSL card, I don't care, a simple
postcard is fine. As there is a rather large number of contacts, I only
send replies to cards I receive, this helps in the time and small
financial burden, someday I will start printing my own cards.

I need to mention, the QSL cards for this trip were provided in part by

HRO San Diego

and the SGC Radio Company, they are larger than the standard card, I mention this

because no mater what I say some will send me an envelope, stamps and money.

As my posts seem to drag on I will get this closed up.

The AZ BUBBA on this Sunday 1800 to 2200 Z will be a last equipment check, I hope to contact some of you then and a second time from or again from Wrangell. After Sunday I will be out of Arizona E-mail contact until October 01. I can be reached in Alaska at bonroher2@juno.com , this gets checked about twice a week. I will post high lites and laughs to the QRP-L when I return to Tacna, Arizona.

Date: Fri, 27 Aug 1999 22:55:47 -0700
From: DONALD I ROHER <donroher@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [48673] Wrangell Pile up...
Message-ID: <19990827.225655.9710.1.DONROHER@juno.com>

We are very sorry, the check was to confirm our antennas were working, Paul recieved me down to 5 watts cw and ssb. Pauls cw is the pits, he was licensed in the 70's and only works cw when I get 4 beers into him and I have to leave the radio for a pit stop, that is why the new 6 message keyer this trip.

However this only serves to enforce my statement that 40 meters and QRP is reliable to Alaska.

We , again are sorry, I am still in Arizona, next week... try again....

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Date: Fri, 27 Aug 1999 22:55:27 -0700 (PDT)
From: "Jack Oakland, CA" <w6abc@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [48674] Miles per watt with RH NC-20
Message-ID: <19990828055527.5389.rocketmail@web109.yahoomail.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi,
Just worked into Sweden with my new RH NC-20, day 2 of operation! I know that sounds like old hat to most QRP'ers, but I really was jazzed when I completed the exchange. Sig was rst 3/3/9. I don't know how many miles per watt that figures out to, but I think I did good. The QSO was with SM7RTQ on 20 meters at 525 UTC 8/28. He also is ordering the NC-20 for his shack. QRP is great! Leads to my question is there a miles per watt award? I seem to remember there is.
Thanks and 73,
Jack W6ABC

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Sat, 28 Aug 1999 00:06:50 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Cc: CQCList@cqc.org
Subject: [48675] 2N2/40, Elmer & Data Books
Message-ID: <Pine.SUN.4.10.9908272320040.15320-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Now that the QRPp's are out and the dust is settling, we got a bunch of books bound and ready for those asking.

THE 2N2/40 BOOK (originally printed as the Winter 1998 QRPp) is the complete step-by-step construction guide of Jim Kortge's now famous 2N2/40 QRP Transceiver. This is a build-it-from-scratch rig, fully illustrated manual for a rig that looks good and works even better. Includes addendum pages of the changes, errors and mods that have cropped up from the original printing.

THE ELMER 101 BOOK has been reprinted (originally printed as the Autumn 1998 QRPp) that is the complete instruction manual, circuit theory and tutorial for Dave Benson's SW+ kit (still available from Small Wonders Lab). A great step-by-step tutorial of how a QRP rig works with waveforms, SPICE models, etc. and the construction lessons.

DATA BOOK FOR HOMEBREWERS AND QRPers is the 288 page book, metal spiral bound to lay flat, consisting of QRP rig circuit analysis, rig tests, and the data sheets for discrete parts (resistors, caps, transistors, etc.) to many of the popular IC's in use. A must for any workbench.

Order from:
Quicksilver Printing
P.O. Box 757
Socorro, New Mexico 87801

Prices:
Data Book \$20) Price INCLUDES
2N2/40 Book \$12) shipping to
Elmer 101 Book \$12) US/VE

For DX, add \$2 for AIRMAIL delivery, \$4 for the Data Book.

Please note that the Elmer 101 and 2N2/40 book is also contained within the NorCal 1998 QRPP annual reprints, which contains all four QRPP's of 1998. Available for \$24 (includes shipping US/VE) from Doug Hendricks.

The above books are also available to QRP clubs to sell at their local hamfests. They are discounted for such purposes to help QRP clubs generate a little revenue towards their QRP activities. Contact me direct on this.

72, Paul NA5N

P.S. TO THE QRP-L NET POLICE: This is my aperiodic commercial announcement for the 3 books I'm asked about frequently via email. Please note I'm using my PRIVATE account and it is late at night, meaning I'm NOT AT WORK, so it is not necessary to contact my employer and whine about so-called abuses of company computers.

Date: Sat, 28 Aug 1999 01:31:26 PDT
From: "joseph trombino" <joetrom@excite.com>
To: QRP-L@LEHIGH.EDU
Subject: [48676] 5B4/W2KJ finally on the air!!
Message-ID: <935829086.8291.244@excite.com>
MIME-Version: 1.0
Content-Type: text/plain

Hello fellow QRP'ers:

After two months of delays, I am finally on the air from Nicosia, Cyprus under the new CEPT licensing agreement. Work conflicts kept me off the air until now.

I will be operating from my hotel room in Nicosia with a dipole stretched across a courtyard outside and heating it up with a DSW-20 and 2 amp hour battery. Will be on during different hours of the day and staying around 14.060 plus/minus QRM. Have worked 13 stations since installing the antenna last evening...mostly Europeans and several QRP stations so please be on the lookout for my sigs if you need Cyprus.

I owe this opportunity to ham from Cyprus to Dave Benson of Small Wonders Lab fame and designer/producer of the DSW line of kits. When the CEPT agreement came into effect I was at a loss as to what rig to bring. It had to be small, very portable and battery-friendly. Well, the DSW line of kits fit the bill perfectly. I ordered the 20 and 40 meter versions of the kit shortly before I was scheduled to depart for Cyprus...Dave went "above and beyond the call of duty" in getting the kits to me to meet my departure deadline. When his supplier ran into delays in getting the enclosures out on time, Dave cannibalized his prototype DSW rig and sent me his proto enclosure so that I could finalize the rig before departure.

My deadline was so tight that I could only finish the DSW-20. Dave even sent me a second DSW-20 kit to make sure that I would not be left dead in the water if a part were missing from the first kit!!!

With Customer Service like this I believe that Dave will be very busy in keeping up with kit orders for the DSW line:-)

My only problem now is whether I should ask Dave for a new enclosure when I get back home or should I keep his prototype enclosure and have a piece of QRP history???:-)

BTW Dave, I will ship the second DSW-20 kit you overnighted to me back to you as soon as I get back Stateside in mid October.

The DSW-20 is working perfectly and I am continually amazed at how this tiny little rig can rack up QSO's with it's 2 watts of output. Maybe the 5B4 call sign helps:-) It is by far the smallest rig I have ever operated and is just full of capabilities, i.e., built-in iambic keyer, DDS VFO for superb stability, built-in frequency annunciator, battery-friendly and on and on.

Enough already...I like the radio;-)...all the standard disclaimers apply but y'all know about Dave Benson and his kits:-)

Will be looking for QRP'ers on 14.060 until the end of September...hope to work y'all soon. Thanks Dave.

72/73, Joe 5B4/W2KJ

Get FREE voicemail, fax and email at <http://voicemail.excite.com>
Talk online at <http://voicechat.excite.com>

Date: Sat, 28 Aug 1999 20:23:01 +1000
From: Daniel Bartlett <ausham@rocknet.net.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [48677] News from VK4HDB!
Message-ID: <01BEF193.22C6E820@rocknet>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

G'day All!

Today (Saturday), I completed a 6m FM receiver kit, from Ramsey Electronics, (<http://www.ramseyelectronics.com>)
How happy I was to hear noise out of that speaker!
Kits from Ramsey Electronics are very well presented, with overlays and pre-drilled holes on the cases! (Cases purchased seperately).
Tested with a signal generator, now to find some beacons!

""""""""
J73 es 72 de Daniel Bartlett, VK4HDB
: <http://www.qsl.net/vk4hdb/index.htm>
.ausham@rocknet.net.au
+1 Goodson Rd, Bouldercombe, Queensland 4702, AUSTRALIA
(+61 07 4934 0389
""""""""

Date: Sat, 28 Aug 1999 04:50:39 -0500
From: pierce@rice.edu (George F. Pierce)
To: qrp-l@lehigh.edu
Subject: [48678] WTB Ginpole
Message-ID: <v01510104b3ed6053b441@[128.42.176.117]>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Want to buy (rent, borrow) Rohn 25 Ginpole. A new one is \$360 delivered.
Ouch! I'm in Houston, Tx.

George F. Pierce III
WA5ABS M0B0D
Email: pierce@rice.edu

Date: Fri, 27 Aug 1999 16:42:06 gmt
From: waltk8cv@juno.com
To: qrp-l@lehigh.edu
Subject: [48679] Calling cq on qrp
Message-ID: <19990828.100804.-4046355.0.waltk8cv@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Good people:

Why can't we all just get along oh, sorry about that
..... calling CQ !! yes , I do it when I can't find someone else doing
it! hhhuuuuuummmmm , does that make sense?

Odd ball, no I'm a MARTIAN !

Oh, well

Walt K8CV Royal Oak, Mi. Qrp-L# 935 Zombie# 188

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Date: Sat, 28 Aug 1999 05:01:08 MST
From: "Chuck Adams, K7Q0" <k7qo@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [48680] Re: 2N2/40, Elmer & Data Books
Message-ID: <19990828120108.79701.qmail@hotmail.com>
Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Let me put in my plug for the three books that Paul has mentioned in his post.

I am in the process of packing everything for Prescott AZ. The last things to go are the DSW rigs (hey, I still have a chance of getting at least 20 states on 30 meters and possibly 40 before the move and thus yet another WAS... :-)) and the electronic books including the three mentioned. Everytime I read the old QRPps, QQs, and other newsletters I find something that I forgot or missed even though it is old ground covered.

Also, for the net police that Paul mentioned. All the individuals that harassed Paul in the past that I know about have been banned from the list. This type of behaviour of bothering people will not be tolerated on this list. If anyone has a problem with anyone doing such things, all you have to do is send either Jim, N3VXI, or myself an email and the offending party will be banned from the list permanently. We will, of course, hear both sides of the issue(s) but you have been warned. And we don't need a thread on this, please. It has been the unwritten policy of this group and will remain so. This to try to keep the S/N ratio somewhat in control, if that was ever possible with this group. :-)

Same goes for language used on this group. This is not a bar room. If you can't say it nicely and without vulgarity, then don't bother posting. Please. Treat QRP-L the same as you would QST, QRPp, QQ, and other newsletters. If you would not write it for them, then don't write it for us. It makes life so simple to go quietly through the scenery and enjoy it instead of distracting from it. IMHO.

I know that I speak for many that we all appreciate the work that all the volunteers contribute to this great part of our hobby. Let's not run them off and turn them off because of a few thoughtless individuals. It's like the Radio Shack thread. The next time someone brings it up you will be asked to list the name of the company you work for and it's open season on urban legends.... Think about what that could do for you. We could all be doing something else but we choose to spend our valuable time doing QRP, so remain calm and positive.

FYI

P.S. I will be taking a DSW-30 to the property this week so
listen for me from Prescott AZ. K7QO without the /5. :-)
If space permits the DSW-20 also, but the airlines may be tightening
up on the carry on, so I'm going light this trip.

dit dit

Chuck Adams K7QO CP-60 k7qo@hotmail.com <http://www.qsl.net/k7qo>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sat, 28 Aug 1999 07:07:57 -0500 (CDT)
From: ac5ez@webtv.net (Larry B)
To: qrp-l@lehigh.EDU
Subject: [48681] dvorak keyboard
Message-ID: <25828-37C7D11D-10600@postoffice-113.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

For those interested in the copy of cw by keyboards look at :
www.keytime.com
www.thisistrue.com/dvorak.html

Date: Sat, 28 Aug 1999 06:18:41 -0600
From: "Dick Schneider" <dschneider2@uswest.net>
To: "QRP-L" <qrp-l@Lehigh.edu>
Subject: [48682] FS: Outbacker Perth Plus Mobile Ant.
Message-ID: <007301bef14f\$776b8c80\$bd9ca0d8@dnvr.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FOR SALE: OUTBACKER PERTHPLUS MOBILE ANTENNA. HANDLES 150W PEP 75-10M+6/2M.

6 MONTHS OLD. NEVER DRIVEN OVER 5 WATTS. \$200 SHIPPED CONUS.

72 Dick AB0CD..

Date: Sat, 28 Aug 1999 06:21:00 -0600
From: "Dick Schneider" <dschneider2@uswest.net>
To: "QRP-L" <qrp-l@Lehigh.edu>
Subject: [48683] FS: JPS ANC4 Antenna Noise Canceller
Message-ID: <007901bef14f\$ca1d97c0\$bd9ca0d8@dnvr.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FOR SALE

JPS ANC4 ANTENNA NOISE CANCELLER. WIPE OUT THAT LOCAL INTERFERENCE. \$125
SHIPPED CONUS.

72 Dick AB0CD..

Date: Sat, 28 Aug 1999 06:22:08 -0600
From: "Dick Schneider" <dschneider2@uswest.net>
To: "QRP-L" <qrp-l@Lehigh.edu>
Subject: [48684] FS: Palomar Rx Noise Bridge
Message-ID: <007f01bef14f\$f29df0a0\$bd9ca0d8@dnvr.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FOR SALE

PALOMAR R-X NOISE BRIDGE. \$50 SHIPPED CONUS.

72 Dick AB0CD..

Date: Sat, 28 Aug 1999 06:23:19 -0600
From: "Dick Schneider" <dschneider2@uswest.net>
To: "QRP-L" <qrp-l@Lehigh.edu>
Subject: [48685] FS: Cushcraft R-7 Vert. Ant.
Message-ID: <008501bef150\$1cc060c0\$bd9ca0d8@dnvr.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FOR SALE

CUSHCRAFT R-7 SEVEN-BAND VERTICAL ANTENNA. 10, 12, 15, 20, 30, 40 METERS. NO RADIALS NEEDED. MOUNTS EASILY ON AN 8-FOOT PIPE WITH NO GUY WIRES. EXCELLENT FOR SMALL FOOTPRINT. \$215 SHIPPED CONUS. (AVAILABLE FOR PICKUP IN DENVER)

72 Dick AB0CD..

Date: Sat, 28 Aug 1999 07:31:55 -0500
From: "DONALD G. DORN" <DDORN@CWIS.NET>
To: Low Power Amateur Radio Discussion <QRP-L@LEHIGH.EDU>
Subject: [48686] COUNTY HUNTING
Message-ID: <37C7D6BA.980@CWIS.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,
I have been having fun chasing counties. I don't sign QRP so they haven't had much trouble hearing me. hi. Was wondering if many other QRP Ops are avtive county hunters also.

Is there a mailing list or website for this activity?

Don K5AAR
Lake Eufaula, Ok.

Date: Sat, 28 Aug 1999 08:44:27 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: "DONALD G. DORN" <DDORN@CWIS.NET>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [48687] Re: COUNTY HUNTING
Message-ID: <Pine.OSF.3.95.990828083813.21026B-1000000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Anytime someone gets the urge to ask, "Is there a site for..." GO HERE...

www.google.com

Type the words describing the type of site you are looking for in the little window...

county hunting

and click return.

Here's what popped up.... Notice one site is even "www.countyhunter.com"

low-cost advertising, promotion on Key to the City
www.pe.net/~rksnow/ad3.htm Cached (1k)

www.countyhunter.com/kwiklog/
...14.336 or 14.0565 and join the county hunters ! ...
...program and to provide ALL county hunters with special items of...
Cached (37k)

Info. Pack
...have heard of county hunting or run across a Net on the ham bands,...
...administered by independent county hunters following the...
www.countyhunter.com/marac_information_package.htm Cached (58k)

About KWILOG:
...about many requests from county hunters for the KWILOG Program,...
...Program, which was provided to county hunters free for the asking....
www.countyhunter.com/kwiklog/aboutkw.htm Cached (16k)

Welcome to County Hunting
...MARAC Email Forwarding The County Hunters Photo Page Convention...
...Photos Page 2 Page 3 CW County Hunters Forum Calls Heard Honor...
www.countyhunter.com/ Cached (36k)

Counties in Hawaii
...Australia that is just for county hunters. They are usually not...

...mythical(?) fifth Hawaii county has been the subject of ham radio...
www.chem.hawaii.edu/uham/counties.html Cached (8k)

Ham Radio Nets
...AMers BOAT ANCHORS COLLINS COUNTY HUNTERS DX EMERGENCY GENERAL...
...Subscription Info Independent County Hunters Net 14.336 MHz when...
www.ac6v.com/pagep.html Cached (19k)

Ham Radio Awards
... DX Awards and Honor Roll County Hunters Awards County...
...By K3IMC The Down Under County Hunters net - moved to 14.336
MHz....
www.ac6v.com/pageg.html Cached (11k)

Teach a man to fish....

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Sat, 28 Aug 1999 05:40:53 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: k7qo@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [48688] Re: 2N2/40, Elmer & Data Books
Message-ID: <37C7D8D5.5A5F2EE7@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Chuck Adams, K7Q0" wrote:

> Everytime I
> read the old QRPPs, QQs, and other newsletters I find something
> that I forgot or missed even though it is old ground covered.
>

I've just been doing that (again), Chuck, with QRPP; always something
new (or forgotten).

> I will be taking a DSW-30 to the property this week so
> listen for me from Prescott AZ. K7Q0 without the /5. :-)
> If space permits the DSW-20 also, but the airlines may be tightening
> up on the carry on, so I'm going light this trip.
>

I'm aiming to get a DSW-20 on the air for a European trip in Oct (time will be tight, given current consulting schedule (nearing 60 hrs a week now, and the fact that I still have to order, receive and build the kit)); glad to hear that you like them. But, given its size, you could wear a hat and just "keep it under your hat" when you board!
>

BTW, what days do you expect to be in AZ, Chuck? I will look for you with my K2 or Sierra and G5RV (a not-great 30 meter antenna), but likely you will have to QRS a bit!

72/73, Phil

Date: 28 Aug 99 08:56:03 EDT
From: Roy Lincoln <wa4dou@usa.net>
To: pierce@rice.edu, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [48689] Re: [WTB Ginpole]
Message-ID: <19990828125604.8948.qmail@nwcst281.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Hi George,

Recently i purchased a "ginpole" kit from IIX. (their ad is in QST. It =
was
about \$215, including shipping.You supply your own mast material(2"), wor=
st
case a 20 ft. piece costs something like \$40 and cut yourself a 10-12 ft.=
piece for the pole. I chose schedule 40 aluminum with a .145" sidewall. =
\$255
and you have your ginpole. The advantage of not borrowing but owning your=
own
is that you have it when you need and want it! Good luck es 73 de Roy Lin=
coln
WA4DOU

-----=
- =

=

=

pierce@rice=

=2Eedu

(George F. Pierce) wrote:

Want to buy (rent, borrow) Rohn 25 Ginpole. A new one is \$360 delivered.

Ouch! I'm in Houston, Tx.

George F. Pierce III

WA5ABS M0B0D

Email: pierce@rice.edu

Get free email and a permanent address at <http://www.netaddress.com/?N=3D=1>

Date: Sat, 28 Aug 1999 08:21:13 -0400
From: Wayne A Smith <k8ff@juno.com>
To: qrp-1@lehigh.edu
Subject: [48690] Re: K2 demonstration
Message-ID: <19990828.091416.7286.0.k8ff@juno.com>

When you have a chance to try out your DK9SQ loop, try it with twin lead feed line instead of coax. My first try was with coax feed and was somewhat disappointing. I the hooked ordinary Radio Shack 300 ohm ribbon to the loop feed point and it seemed to work better. I used my ZM-2 with both feed configurations.

Good Luck
Wayne K8FF

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sat, 28 Aug 1999 09:35:07 EDT
From: K2UD@aol.com
To: qrp-1@lehigh.edu
Subject: [48691] Re: Fw: Ten Tec Model 645 "Ultramatic Keyer" Reduced..
Message-ID: <790df93d.24f93f8b@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hey guys,

A plug for the 645 keyer. With adjustable electromagnetic tensioning, this is a most interesting keyer. It will approximate the type of tensioning of a Mercury Paddle. Now it obviously is not in the same price class as the Mercury, and I wouldn't try to make them equals, but it one nice keyer to use.

Have one, surprised that nobody has jumped on this one. No relation to the seller, I wanted to give this keyer some credit though. I run Argonaut 509 and 515, the keyer uses a dual phono keyer to get its power from the rig, and provide the keying signal.

The buyer won't be disappointed.

72 all

Howard Kraus, K2UD

Date: Fri, 27 Aug 1999 23:39:12 -0500 (EST)
From: bob evinger <revinger@earthlink.net>
To: qrp-l@lehigh.edu
Cc: gary stout <pwrbase@aol.com>, wvara@butler.indiana.net
Subject: [48692] first subwatt attempt
Message-ID: <Pine.LNX.4.04.9908272333010.736-100000@wd9eka.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I gave my self half a smiley tonight. I was trying to keep myself awake to see how 40 was going to do tonight and heard cl2fn calling cq at about 0310 utc. I figured I didnt have anything to lose, the explorer was set to a half watt so I gave him a call. He came back on first try which startled me to some extent as I really wasnt expecting it. I figured I would have to crank it up to the 4 watt mark to do it. He gave me a 539. Unfortunately, we didnt get a full exchange. Part way in to my transmission had some stateside qrm that was many times stronger than his signal and was unable to tell if he heard most of my send. I doubt it they were practically zero beat with his signal. Oh well, at least I know my antenna can actually make it across water on 40 meters.

Maybe I will have better luck next time.

Bob Evinger WD9EKA Marshall, Illinois

Date: Sat, 28 Aug 1999 07:42:54 -0600
From: Jess Gypin <jessqrp@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [48693] Another thought on calling CQ /QRP
Message-ID: <3.0.3.32.19990828074254.006a162c@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Think about all of the QSO's that you have had where the RST given is 549, 559, 459, 579 etc. Is there any handicap in calling CQ when they are hearing you that strongly? How many QRO ops have you heard at those same signal levels? With other people hearing you that loud, there is no handicap.

Jess AE0CW <><

Date: Sat, 28 Aug 1999 14:04:56 +0100
From: Larry Cahoon <wd3p@juno.com>
To: DDORN@CWIS.NET, qrp-1@Lehigh.EDU
Subject: [48694] Re: COUNTY HUNTING
Message-ID: <19990828.140706.4006.0.wd3p@juno.com>

On Sat, 28 Aug 1999 07:31:55 -0500 "DONALD G. DORN" <DDORN@CWIS.NET> writes:
>Hi All,
>I have been having fun chasing counties. I don't sign QRP so they
>haven't had much trouble hearing me. hi. Was wondering if many other
>QRP Ops are avtive county hunters also.
>
>Is there a mailing list or website for this activity?

Don, there sure are some out there. Not all are on this list. I've got 2000+ worked QRP and 1100+ worked QRPP and have never signed /QRP on the net. To that group it's a waste of time to send /QRP, they just want to run the county and drive on to the next one.

N4CD/M just gave me a 559 a few minutes ago from MO to my 500 mWatt signal and I got KD8HB/M in NE. She had no problem with my 5 Watts, I should have tried the 500 mWatts there, she was strong enough. These

guys have good ears. They are used to pulling out weak signals. If you are on regularly it gets even easier as they learn your call and your fist and then can really pull you out of the mud.

My web site has a list of those I know of working the counties and how many they have. check out <http://www.erols.com/lejek> Check out both the QRP links and the county hunting links. One of the two main county hunting page is <http://www.countyhunter.com> That one has a link to the other main one and a number of other pages on county hunting.

73 de Larry.....WD3P in MD - USA-CA #913

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Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sat, 28 Aug 1999 10:14:32 -0400
From: Tim <drboom@bright.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [48695] K2 Success, and calling CQ !!!
Message-ID: <37C7EEC8.5D0D9F67@bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Gang,

I just put the (almost finished), some reciever work to check out, K2 on the air last evening...

I was ashamed of the power level that I was using (5 watts) :(sorry guys and gals...

I called CQ twice on 30 meters and was answered by VE2III, thanks for the qso Dan, and the 589 report.

Just goes to to show me, that if I can build a rig and call (CQ) at qrp levels and establish a two way QSO, almost anyone can... I was using an LDG auto qrp tuner and a WM-2 meter and feeding the sig to an all band folded dipole in the inverted vee fasion. Now to work on reducing my power levels to the milliwatt levels...

You just got to love this stuff... :) and a FANTASTIC group of guys and gals on this list too.... LIFE IS GOOD !!!!!

72 de Tim NM8Y

Date: Sat, 28 Aug 1999 07:18:37 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: k8ff@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [48696] Re: K2 demonstration
Message-ID: <37C7EFBD.31FDA9B6@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks for that input, Wayne. Now I know what to do with the 100 ft of RS twin lead that's been sitting in the garage for a few years (an incomplete folded dipole project .. so many projects end up that way, it seems!).

Phil

Wayne A Smith wrote:

>
> When you have a chance to try out your DK9SQ loop, try it with twin lead
> feed line instead of coax. My first try was with coax feed and was
> somewhat disappointing. I the hooked ordinary Radio Shack 300 ohm ribbon
> to the loop feed point and it seemed to work better. I used my ZM-2 with
> both feed configurations.
>

Date: Sat, 28 Aug 1999 07:27:41 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: drboom@bright.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [48697] Re: K2 Success, and calling CQ !!!
Message-ID: <37C7F1DD.87521C1A@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tim wrote:

> Now to work on reducing my
> power levels to the milliwatt levels...
>

OTOH, Tim, 5 watts is not a bad thing. My first six K2 QSOs (5 watts on 20 CW) were to Sweden, Belarus, Croatia, France, Germany and Finland (from So. Calif.) .. three thru pileups. Neat radio and neat times!

Phil

Date: Sat, 28 Aug 1999 15:19:11 -0400
From: Richard Arland <k7sz@epix.net>
To: QRP List <qrp-l@lehigh.edu>
Subject: [48698] VA Beach Hamfest
Message-ID: <37C8362F.403D3800@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Is there going to be any QRP activity/forums at the Virginia Beach Hamfest this year?

Last year there was a very nice gathering. Just curious what's on tap (if anything) for this year?

73 Rich K7SZ

Date: Sat, 28 Aug 1999 09:23:01 -0600
From: "Roy" <ab7ce@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [48699] FS: Ten Tec Argonaut 515
Message-ID: <005201bef169\$384bbbba0\$0cc7fad0@pavilion>

Ten Tec Argonauaut 515. Fully functional, cosmetically a 9. One of the dots around the offset knob is about one third gone. All other lettering in excellent condition. No front panel scratches, a few small scratches on the rest of case. Has new dial window glass from Ten Tec. \$425.00 shipped priority in conus. Tnx Roy AB7CE

Date: Sat, 28 Aug 1999 10:51:38 -0500
From: "KA5T Larry Wise" <lewise@inetport.com>

To: "qrp" <qrp-1@lehigh.edu>
Subject: [48700] Vacation and the UGTT-2
Message-ID: <199908281540.KAA19980@wiseideas.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Date: Sat, 28 Aug 1999 11:11:27 -0500
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [48701] Vacation and the UGTT-2....
Message-ID: <199908281600.LAA20006@wiseideas.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang:

Well, we're back here in Cokato, MN after stops in Belleville, MI, Caseville, MI, Harrison, MI and Paradise, MI.....No antenna up here as we're leaving tomorrow (Sunday) for the dash home into HOT HOT Texas.....

Have made 21 contacts with the Ugly Tuna Tin - 2 at 250mW and the RG8X fed 40 meter dipole....Some were 20 minute rag chews....Never would have thought that possible.....

And yes, some were the result of calling CQ.....

Had one other answer from a Zero, but when I went back, the power connector did a no no and I lost that one....By the time I found the problem he had gone.....

When I get home I'll send out QSLs to all.....

Been off the net since Belleville MI, the weekend of Aug 7, so have not been following much of anything on the list.....Did see part of the CQ discussion yesterday and today.....

Didn't seem to be able to post to the net from Belleville, MI, but do seem to be able to from here.....Sigh.....Computers.....

Let me tell you, after running 250mW, running 5 watts seems like QRO.. :-)

And, if you don't get any answers to CQs up on the QRP calling freqs, just go on down lower in the band and answer someone....amazing how many QSOs you get that way.....

72 from
Larry KA5T
lewise@inetport.com

Still on the road.....

Date: Sat, 28 Aug 1999 12:29:25 -0400
From: "Al Gritzmacher " <ae2t@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [48702] Re: TAIL [sic] FRIENDLY RADIO
Message-ID: <199908281629.MAA17992@mx2.localnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

On 27 Aug 99, at 19:03, qrp-l@Lehigh.EDU wrote:

> Date: Thu, 26 Aug 1999 22:01:24 EDT
> From: ARDUJENSKI@aol.com
> To: qrp-l@lehigh.edu
> Subject: [48601] TAIL FRIENDLY RADIO
> Message-ID: <6e203970.24f74b74@aol.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
> Content-Transfer-Encoding: 7bit
>
> I am a bit new at hiking and especially with a ham radio in tow. I would
> like
> suggestions of a rig/battery combination (40 or 20M)that is lightweight
> and
> effective. It appears from my review of the specs, any rig that needs 12v
> will probably need a fairly hefty battery. I could be wrong though. The
> SST

> appears to be the only one that uses a 9v source. Maybe those batteries
> for
> power tools might be a good 12v source and fairly lightweight? Thanks in
> advance from "Eddie Baur of Woodinville ;-)" Alan KB7MBI
>
>

The nominal voltage of a battery pack is far from the determining factor in it's size and weight. If you think about it, a watt is $P=I \times E$ whether you use 1 volt or 1000, the current is just inversely proportional. $1.2 \text{ W} = 12\text{v} \times .1\text{A} = 10\text{v} \times .12\text{A} = 6\text{v} \times .2\text{A}$ etc.

The reason so many radios are spec'ed for 12 volts is it is the defacto standard for radios - allowing them to be used from auto electrical systems, common power supplies in the shack and commonly available battery packs.

While many so-called "12v" radios are out there, many operate well anywhere from 14 volts down to well less than 10 volts. How much less varies greatly, and a good trail-radio probably should tolerate a low voltage for use with discharged batteries.

However, just because a radio will operate at lower voltages, it usually means it will also drop to a fraction of it's normal power output.

Even if a radio were designed for an initially lower operating voltage, for the same power output, it would need a higher current rating. The capacity of the battery (and therefore weight) would need to be about the same.

You probably should count on a nominal 12v battery system, just because it is the norm and will support not only your radio, but any accessory as well. Small 2 to 4 AH gell-cells are suitable for back packing as are packs of 8-10 alkaline cells. A 1-2 watt output QRP rig should last quite a while on such packs.

Using a lower-voltage pack will not necessarily mean a lighter pack unless you accept a lower capacity along with it.

=====

The amazing thing about QRP is not how many contacts are made, but that they are made at all. Every QSO is a contradiction of conventional wisdom.

72,

Al Gritzmacher, AE2T

QRP-L #1664 QRP-ARCI #9837 K2 #274

ae2t@arrl.net

<http://members.localnet.com/~ae2t/>

QRP - If you don't try, you'll never know!

Date: Sat, 28 Aug 1999 17:45:23 +0100
From: "Andy GM0NWI" <gm0nwi@tesco.net>
To: "American QRP List" <qrp-1@lehigh.edu>
Subject: [48703] JL1UJG QSL INFO NEEDED...
Message-ID: <000c01bef174\$b9c442a0\$10438cd4@andy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys...

Need the correct qsl info for JL1UJG..

can't find him in my editions of the callbook

All answers welcome...

72s De Andy GM0NWI
"Long Live QRP...!!"

gm0nwi@tesco.net

Date: Sat, 28 Aug 1999 17:12:25 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <jessqrp@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [48704] Re: Another thought on calling CQ /QRP
Message-ID: <00ca01bef170\$1f3a53e0\$b642b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It is called PROPAGATION, my man, PROPAGATION!
de Steve, W8SFF

Date: Sat, 28 Aug 1999 12:30:05 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: jeff@n9avg.org
Cc: qrp-1@lehigh.edu
Subject: [48705] Re: Power Supply?
Message-ID: <199908281712.NAA10218@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

>
> Can anybody recommend a PS or battery w/charger that fits the bill?
>
If you can find a old, beat up "Boombox", of which there are plenty
around, they more often than not have a 12 volt AC supply built in,
good for 500 ma or more. The raw DC is often more like 16-17
volts, so that will regulate down to 12 volts with a simple LM7812
three terminal regulator, quite nicely.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: 28 Aug 99 14:29:17 EDT
From: Roy Lincoln <wa4dou@usa.net>
To: k7sz@epix.net
Cc: qrp-1@lehigh.edu
Subject: [48706] Re: [Re: [VA Beach Hamfest]]
Message-ID: <19990828182917.22242.qmail@www0g.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Hi Again Rich,
Shelby NC is about 40 or 45 miles west of Charlotte. Take I-95 to I-85 =
near
Richmond, Va. I-85 to Gastonia NC and Route 76 the next 15 miles or so an=
d
you're there. Its a Sat./Sun. hamfest. Prople get there eariler in the we=
ek
and camp out in travel trailers and the hamfest really starts then. Its w=
orth

the trip, many come from N.C., S.C., Ga., Ala., Tenn., Ky., Va., W.Va., Md=
=2E

Fewer come from Pa., Ohio, occasionally N.Y., N.J., Ms., Ark., etc. If yo=
u've

never been, they say this is the next best thing to Dayton!

I've never been to Dayton, so this is easily the biggest hamfest i've be=
en

to. Great BBQ too!

Its LaborDay weekend. 73 for now Roy Lincoln WA4DOU =
=

=

Richard Arland <k7sz@epix.net>

wrote:

Hi Roy:

No, I have never been to that one. I was stationed at Langley AFB for
almost 4 years and always enjoyed the VA Beach fest. Been down there
after I retired and moved to NE PA. Tell me more about the Shelby fest,
please. =

73 Rich k7SZ

Roy Lincoln wrote:

> =

> Richard Arland <k7sz@epix.net> wrote:

> Is there going to be any QRP activity/forums at the Virginia Beach

> Hamfest this year?

> =

> Last year there was a very nice gathering. Just curious what's on tap

> (if anything)

> for this year?

> =

> 73 Rich K7SZ

> -----=

> Hey Rich,

> You ever been to the Shelby NC hamfest(the granddaddy of them all)?It=
s

next

> weekend! 73 Roy Lincoln WA4DOU

> =

> -----
> Get free email and a permanent address at <http://www.netaddress.com/?N=3D=1>

Get free email and a permanent address at <http://www.netaddress.com/?N=3D=1>

Date: Sat, 28 Aug 1999 19:59:44 +0200
From: "Hans Sundstrom" <hans.sundstrom@telia.com>
To: <joetrom@excite.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [48707] SV: 5B4/W2KJ finally on the air!!
Message-ID: <199908281759.TAA26454@d1o22.telia.com>

I know!

Worked Joe on 14060 last night. Great fun.

Welcome to Europe Joe. Hpe cuagn soon. Lots of QRP:ers around 14060 here!

Oh, BTW, QSL-card is already in the mail, direct to your USA address, fun to work someone on the list from US thats over here!

72

Hans / SM4ATJ

-----Ursprungligt meddelande-----
Fr n: joseph trombino <joetrom@excite.com>
Till: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Datum: den 28 augusti 1999 10:32
mne: 5B4/W2KJ finally on the air!!

>
>Hello fellow QRP'ers:
>
> After two months of delays, I am finally on the air from Nicosia,
>Cyprus under the new CEPT licensing agreement. Work conflicts kept me off
>the air until now.
>
> I will be operating from my hotel room in Nicosia with a dipole
>stretched across a courtyard outside and heating it up with a DSW-20 and 2
>amp hour battery. Will be on during different hours of the day and staying

>around 14.060 plus/minus QRM. Have worked 13 stations since installing the
>antenna last evening...mostly Europeans and several QRP stations so please
>be on the lookout for my sigs if you need Cyprus.
>

> Will be looking for QRP'ers on 14.060 until the end of
September...hope
>to work y'all soon. Thanks Dave.
>
> 72/73, Joe 5B4/W2KJ

Date: Sat, 28 Aug 1999 11:49:12 -0700
From: william h ross <k6mgo@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [48708] batteries
Message-ID: <19990828.114913.-131111.0.k6mgo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi guys:
All this talk of working off of gel cells and batteries, I thought that I
would add my \$0.02 worth.
I built of of N4UAU's voltage booster kits and I run my NC-20/40 off of a
12V, 7.2 HR batt. with the voltage boosted up to 14.0 volts.
It changes the output of the rig from a little over 1 watt (at 12.6V) to
4.5 watts(at 14.0 V), for me. Your mileage may vary.
I built it in a small Mini-box that I had in the junk box. It's lite and
small, although I don't backpack, I don't think that it would add that
much to a backpack outfit,
N4UAU says that you can run your QRP rig off of 4 "D" cells, with the
booster. Never tried it, cuz I had bought the gel cell already.
I think the article was in the July 97 QST, not sure.
72, Bill K6MGO, Marina Del Rey, CA

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Date: Sat, 28 Aug 1999 15:08:37 -0400
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>

To: "qrp-L" <qrp-l@LeHigh.edu>
Subject: [48709] RE: LOW COST RADIO NO TOROIDS NO CRYSTALS UPDATE
Message-ID: <006201bef188\$dd9f3f40\$04000a0a@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

HI ALL:

Thanks for keeping all those nice ideas
coming !

Tested a regenerative detector circuit with
a bipolar NPN transistor (no FET s around
here), tuned to 1.7 megaHertz...

Feeds a low noise NPN transistor audio preamp,
and then into my one and only LM386 !!!

It seems to be pretty sensitive...as I tuned
it down to near 1.6 mHz and started to pick
up AM stations in South Florida , with just
a short length of hook up wire for an antenna.

This is going to be the "tail end " of
the prototype low cost , no toroids, no
xtals receiver ...

For the old timers ... remember the handbook
circuit with the 1.7 mHz IF , and a 5.3 to 5.5
mHz VFO ? Yes, the one that could pick up
two bands with the same VFO, but one of
the bands -80 meters- tuned backwards...

Well, that's the idea...

Now we will have to find how to provide
VERY SMOOTH regenerationand how to
or not introduce a BFO...

It's all in the works !

At least I have a nice new AM little receiver
for picking up the X band extension 1.6
to 1.7 mHz HI HI ...

And now, seriously... this may prove to be
a pretty clever low cost radio for less
developed areas of the world

Keep your ideas and comments going, this
may generate an article for one of our
QRP journals

72 and DX

Arnie Coro

C02KK

P.S. This next few days may be good for the
soldering iron, as two solar active regions
8673 and 8674 are joining forces, and together

they have no less than 90 sunspots ! plus
a tremendously complex magnetic structure
that will certainly bring up some solar
fireworks during the next 5 or 6 days !!!

Arnie Coro C02KK

Host of Dxers Unlimited

Radio Habana Cuba

e-mail:arnie@radiohc.org

e-mail:inforhc@mail.infocom.etecsa.cu

Postal address:

Prof. Arnaldo Coro Antich

La Torre no.127 entre 35 y 37

Nuevo Vedado, Plaza

Ciudad Habana , 10600

CUBA

Date: Sat, 28 Aug 1999 12:14:50 -0700

From: Phil Wheeler <w7ox@mindspring.com>

To: gm0nwi@tesco.net

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [48710] Re: JL1UJG QSL INFO NEEDED...

Message-ID: <37C8352A.137F9F5D@mindspring.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Check the following url:

<http://WWW.DXBANDS.COM/>

Phil

Andy GM0NWI wrote:

>

> Guys...

>

> Need the correct qsl info for JL1UJG..

>

> can't find him in my editions of the callbook

>

> All answers welcome...

>

> 72s De Andy GM0NWI

> "Long Live QRP...!!"

>

> gm0nwi@tesco.net

Date: Sat, 28 Aug 1999 15:07:22 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: VHF Reflector <vhf@W6YX.stanford.edu>, Qrp-1 Reflector <qrp-1@Lehigh.EDU>, Rtty Reflector <wf1b-rtty@wf1b.com>
Subject: [48711] X class flare at 18:05 utc
Message-ID: <37C8417A.EF0FDEC5@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Major flare today at 18:05 utc. Where did HF go? :-)

Solar Terrestrial Activity Report on web reports good chance of coronal mass ejection hitting earth early this coming week. Perhaps some Aurora to come? Seems to suggest more flares likely to come from the region responsible for this flare.

> New region 8681 today developed at by far the quickest pace of any solar region during solar cycle 23. The
> region produced its first flare at 18:05 UTC, an X1.1 flare. To my knowledge this is the first time the first
> flare from a region is an X class flare. A strong type II sweep was associated with the flare, and, considering
> region 8681's current position, there is a fairly good probability this CME will impact the earth sometime
> between noon on August 30 and early on September 1 (a more specific time interval will be stated when LASCO
> movies of the CME become available).

73 de Dave, N0IT

Date: Sat, 28 Aug 1999 14:46:43 -0600
From: Jess Gypin <jessqrp@earthlink.net>
To: qrp-1@lehigh.edu, elecrafft@qth.net
Subject: [48712] K2 #471 arrives in Colorado
Message-ID: <3.0.3.32.19990828144643.006a31d0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well guys,

The long wait for me is over. I am not so sure that about 5-6 weeks is that

long though.

The postman arrived with the K2 today. I have not opened the bags, done a parts inventory, or anything even close to that. I am probably going to approach this very slow and take my time. The summer is coming to a close and I have 4 other HF radios to keep me on the air. The winters here can be long and cold. Now that I have said that, we will really see how I do for not getting buried head down with this thing until it is finished!

I am impressed! I have looked at some of the boards in the bags and flipped through the manual and this is one fine piece of work. I have had the builders itch now for about 3 months and I think that this will satisfy that itch very well indeed. The manual is awesome.

Will keep you all posted on the progress! If you are even half way thinking about getting one, go for it! I was lamenting the other day that I had sold my favorite CW rig (the OHR 400) and that I needed another new favorite rig to build and use. Got that wish answered today. This one will be a keeper. The OHR 400 was in daily use here for over 4 years and this one will get the paint rubbed off the the front panel from use if it works even half as good as it looks in the kit box. Now all I need is for someone in the local area offer me a chance to play with one on the air.....:-)

Jess AE0CW <><

Date: Sat, 28 Aug 1999 15:51:24 -0500 (EST)
From: bkobie@webtv.net (patrick obrien)
To: qrp-1@lehigh.edu
Subject: [48713] PROBLEM
Message-ID: <11745-37C84BCC-21336@postoffice-142.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

I HAVE A CURTIS MORSE BAUDOT ASCII-KEYBOARD MODEL KB-4900
THE THING NOW TAKES OFF WHEN I AM SENDING CW AND WHEN I PRESS THE RESET
BUTTON, IT WILL TAKE OF SENDING UNKNOWN CHARACTERS..ANY HELP WOULD BE
APPRECIATED...73 PAT/K8LEN

Date: Sat, 28 Aug 1999 14:09:14 -0700
From: Marv Fagenson <k6hcj@juno.com>

To: qrp-1@Lehigh.edu
Subject: [48714] WTB
Message-ID: <19990828.140915.-273169.0.k6hcj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I would like to purchase an enclosure (KE6RIE or equivalent) for a 38 Special. Please email directly. Tnx, 72
Marv Fagenson
k6hcj@Juno.com

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Date: Sat, 28 Aug 1999 14:00:59 EDT
From: charles k brown <n4so@juno.com>
To: qrp-1@lehigh.edu
Subject: [48715] Diode switched TR circuits
Message-ID: <19990828.175959.7335.4.n4so@juno.com>

QST for Sept. page 42
Beyond the QUICK, by Rod Kreuter rak10@psu.edu
Shows diode switched TR circuits for operating separate transmitters and receivers.
PIN-diode TR switch is shown for muting a separate receiver.
Anyone build one of these?

Ken Brown N4SO
Mobile, AL/EM50tk
NorCal-20/5 watts/4 ele. beam

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Date: Sat, 28 Aug 1999 14:17:30 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: n4bp@bc.seflin.org, elecraft@qth.net, qrp-1@lehigh.edu
Subject: [48716] Re: [Elecraft] Need Power Supply
Message-ID: <19990828.141731.-4099975.1.gsurrency@juno.com>

MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Bob, (I'm copying this to the other lists for the benefit of others)

The Radio Shack 22-503 3 Amp switcher is my favorite for travel and is a great little power supply. It was on sale a couple of months ago, but it is still a good buy. I have the info on how to slightly increase the output voltage if it is not at least 14.0 v for the K2. There is a tiny bit of switching noise, but only if you have the supply too near the antenna or feedline. Mostly, it is very quiet and hardly gets warm at all even after hours of use. I really like it for its small size and simple design. It should last a very long time.

On the Dell switcher from BG Micro:

I bought one too, on the recommendation of Walt, K8CV. Mine happens to have much more noise radiated from the case than the R/S unit. And yes, it is BIG! It is built like a supply that can produce *much* more output. There is some conductive screening on the inside of the plastic case, but it still has more RFI than the R/S switcher. Mostly, it wipes out an AM transistor radio I keep in the shack for news, etc. But it does not seem to effect the HF bands too much. The IEC removable cord is kinda nice, since you can provide whatever you like and remove it if necessary.

But the R/S unit is remarkably simple, since it uses a single T0-220 regulator IC from TOPS. That helps contribute to a simple, quiet, (RFI-wise) supply. I used in on my trip to Fla in May-June with the NC20 and TAC-1.

Some notes on the Dell switching DC supply follow:

Originally, the output was in the 14.5 - 17.5 volt range. I subsequently removed the four rubber feet and one rubber plug near the center of the case on the bottom. CAUTION! Lethal voltages are present if the power is on. Use all safety measures if you open up the case.

I looked at the circuitry around the adjustment pot, and found that if I replaced R23 (1.3K) with a 1K resistor - I could now adjust the output voltage over a range of about 11v to 16v. 14.0v is almost exactly at the pot's center. I removed the output wire and connector since they are quite small for the K2's current demand and would adversely affect the load regulation at the end of the wire. I replaced them with a 3 ft length of 18 gauge red/black zip cord and the appropriate coaxial plug for the K2. I used two short pieces of 18 gauge solid bus wire to connect to the small PCB pad holes, that I had first soldered to the stranded zip cord. This was easier than trying to get the 18 ga. stranded wires thru

the PCB. Some hot glue secured the new output wiring for a simple strain relief, since the original cord and strain relief were removed.

With the larger gauge wire, the regulation of the Dell switcher is better than the R/S unit (using the same length and size wire). But the Dell goes into current limit at about 2.64 amp or so, and the R/S unit will do considerably more than that. The R/S unit appears to supply as much as 5 A for short periods before its internal 1 A slo-blo fuse fails. It's rated at 3 A continuous.

So although the Dell unit appears to be built much more robustly than the R/S unit, it actually cannot provide as high of output current before it shuts down! The Dell supply is fine for a station DC supply, where the R/S unit is very lightweight and compact for travel.

But be careful not to completely short the output from the Dell. I had a coaxial DC connector go bad, and it shorted the output. The output voltage would then not go above about 6 volts under the load of the K2. I found the PNP transistor (marked A608, 2SA608 perhaps?) near the voltage adjustment pot had failed, and replaced it with another one from an old PC supply. That transistor (TR21) is in the current limit circuit, and does not survive a direct short on the output. It destroys the BE junction of the device. The replacement transistor I used from the old PC supply is marked LA733P (Motorola) and it had the correct pinout and works just fine.

Beware of most of the laptop computer DC supplies. Many of them are terrible RFI producers. I can tell anytime the XYL uses her ACER laptop, as its power brick pollutes the entire AC wiring of the house! 8-P

Hope some of this info is useful to you. See you on the air, K2-to-K2.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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Date: Sat, 28 Aug 1999 14:36:56 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: sjolin@swbell.net
Cc: qrp-l@Lehigh.EDU
Subject: [48717] Re: X class flare at 18:05 utc

Message-ID: <19990828.144047.-4099975.2.gsurrency@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Yeah, there was a SID this morning when I checked the bands. Not a signal to be heard anywhere, not even WWV.

I took the xyl and kids and went to the zoo. ;-)

72, and hope it gets better.

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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Date: Sat, 28 Aug 1999 17:00:19 -0500

From: "Dan W. Dooley" <dandooley@pipeline.com>

To: <inforhc@mail.infocom.etecsa.cu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [48718] RE: LOW COST RADIO NO TOROIDS NO CRYSTALS UPDATE

Message-ID: <000401bef1a0\$b811aca0\$04987b7b@dooleydw>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Something you mentioned here, prompts a question.

I have been looking at one of the two band receivers featured in the 1960 ARRL Handbook.

I've been toying with building something from that era, yep, all tube type, to work in conjunction with my Heath DX-40 xmtr.

The designs look reasonably easy to duplicate.

The big negative, as far as I can see, is the IF freq. 1700 KHz. Nowadays with AM stations extending up to that freq., how well would a 1700 KHz IF work? Would there not be a lot of "bleedthrough" from local AM stations?

Guess the best option is to move the IF.

Any thoughts?

Dan WB5TKA

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> Prof.Arnaldo Coro Antich

> Sent: Saturday, August 28, 1999 2:09 PM

> To: Low Power Amateur Radio Discussion

> Subject: RE: LOW COST RADIO NO TOROIDS NO CRYSTALS UPDATE

>

>

> For the old timers ... remember the handbook

> circuit with the 1.7 mHz IF , and a 5.3 to 5.5

> mHz VFO ? Yes, the one that could pick up

> two bands with the same VFO, but one of

> the bands -80 meters- tuned backwards...

Date: Sat, 28 Aug 1999 18:05:22 EDT

From: Kb4utv@aol.com

To: qrp-1@lehigh.edu

Subject: [48719] Antenna Question

Message-ID: <8a09762e.24f9b722@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

I live in on of those antenna restriction neighborhood, am using a folded dipole in attic, am thinking on using a portable vertical at side of house. Now for the question: There is about 8 feet between house and brick wall. House is stucco, with chicken wire reinforcement. How will this affect a ground mounted vertical? I was thinking on using that tilt over mast as seen in QST. Is it worth the time? Will the house and wall seriously affect radiated signal? Any answers most helpful. 73's John KB4UTV/7 Gilbert, Az.

Date: Sat, 28 Aug 1999 17:14:31 -0500 (CDT)

From: ac5ez@webtv.net (Larry B)

To: qrp-1@lehigh.EDU

Subject: [48720] x-class flare

Message-ID: <25829-37C85F47-9798@postoffice-113.iap.bryant.webtv.net>

Content-Disposition: Inline

Content-Type: Text/Plain; Charset=US-ASCII

Content-Transfer-Encoding: 7Bit

MIME-Version: 1.0 (WebTV)

I has a Du station right in my grasp this morning and then , all of a sudden , everything disappeared !!

Oh well, there is always next time.

k1zw

Date: Sat, 28 Aug 1999 23:39:59 GMT
From: k1vp@lawson-philpot.com
To: qrp-l@lehigh.edu
Subject: [48721] Try...you never know
Message-ID: <19990828.23395900@work1.grizzly.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

At a friends suggestion I drove up to a nice mountain valley in NH to watch his daughter fly a sailplane. He and I set up stations for fun. I had a St. Louis vertical and=20 Sierra on a 2AH battery. I was listening on 15M and heard a strong signal. So I called. It was OH0EA. Not bad in the middle of nowhere and 1 watt. My friend has snickered as the vertical, but thought the Sierra was neat so I said try it. I mention a strong station around 21.030. Darn if he didn't get in after a few tries too. Of course neither of us knew where OH was, just though it was a European country. =20

Moral of the story, always give it a try.
Of course then the band went dead for awhile,
but the scenery was great.

Ed Lawson
K1VP

Date: Sat, 28 Aug 1999 15:30:57 -0400
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu

Subject: [48722] QRPP X2 arrival & 10m/11m thoughts
Message-ID: <19990828.153156.11766.1.nilsbull@juno.com>

Gang,

First off, I'm gonna bring up a red speckled abject & abuse-me-for-it herring. Then I'm gonna talk abt the QRPPs that arrived here today.

Here's the herring: I noticed the other day that (a) there is a site on the web where one ham quotes another about the incursion of 11m "types" onto 10m bandspace and (b) that there are web sites established by these "types" & their "freebanding" ways. We've all heard 'em. W90J's even asked about 'em. I've listened and webberized some on 'em. They're there. They appear to be quite oblivious to the ham radio operators on 10m &, from what I've read, they've got packet stuff, contests, awards, clubs, self-appointed callsign stuff & other such lunacy going on. And use bands besides 11/10m, like around 10.150 MHz &c.

They're almost as disorganized as we are.

And you can get one of those Galaxy rack-mount 10m radios, which, with some help from various web sites offering modification data, you can modify for use between about 25 MHz through 30 MHz.

And a couple days ago I heard someone going "testing . . . testing" in LSB around 30 MHz. Yeah. Really freeband.

Here's the non-herring:

Today I get two . . . Count 'em: TWO copies of QRPP, one of which I soon discovered as the special regen receiver issue & the other of which has a really neat cover & more goodies inside. But I have to go to the science museum in Cincy with Cindy & Andy & will probably end up driving ('cause I like driving the Mary K car) and thus will have to wait until I get home later today to look at the mags.

And listen to see if I'm being called by 25HF3164 on that third band uppers channel 40 come back.

So I get back from the Cincy museum complex. Man was that fun! IMAX theatre stuff about Egypt (which ties into the reading I've been doing about cognition & the evolution of the concept of property & power). An artificial cave with multiple bifurcating paths (like Borges) from which I sneaked up on Cindy & scared her. And a really neat walk through of a post-glacial setting with indigenous wildlife represented. I took off my glasses & thought about being back then, blind as a bat, with Dire Wolves all around. Lunch I'd be.

I wish I could make a layout for a ham radio web page that was as sweet as the cover on Vol. VII, No. 1/Spring '99 QRPp.

73

Nils

. . . who actually had an HF number once but soon forgot it 'cause the radio blew up anyway. Mercy snakes.

Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes
WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com
"In my day we had to FIGHT to have email! Every day was a struggle!"
-- Comrade Sergei Nikolaievich

McTovarishov

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Date: Sat, 28 Aug 1999 15:36:47 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: gsurrency@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [48723] Re: X class flare at 18:05 utc
Message-ID: <37C8647F.C883C1CB@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gary L Surrency wrote:

>
> Yeah, there was a SID this morning when I checked the bands. Not a signal
> to be heard anywhere, not even WWV.
>

Yupp. Pretty grungy weekend, it seems. Just a few signals here, and no great ones. I had to check to see if my antenna was connected.

Phil

End of QRP-L Digest 1562
